

MCF 3M

Day 1 Exponent Laws & Quadratics

Quadratic Functions

$$p 69-62 \quad \approx 1-12$$

$$p 120-171 \quad \approx 3, 01, 12, 16$$

$$p 186-189 \quad \approx 1-8, 12, 13$$

$$p 254-255 \quad \approx 1-10$$

Jun 12-10:07 AM

Trigonometry

$$p 292-293 \quad \approx 1-3$$

$$p 314-315 \quad \approx 1-6$$

$$p 378-379 \quad \approx 6-11$$

$$\text{demo } \approx 1 \quad p 380$$

Exam
Rm 144

Jun 12-10:08 AM

Exponential Functions

2 8-13 p445

demo 2 6 p446

Financial Math

formulas

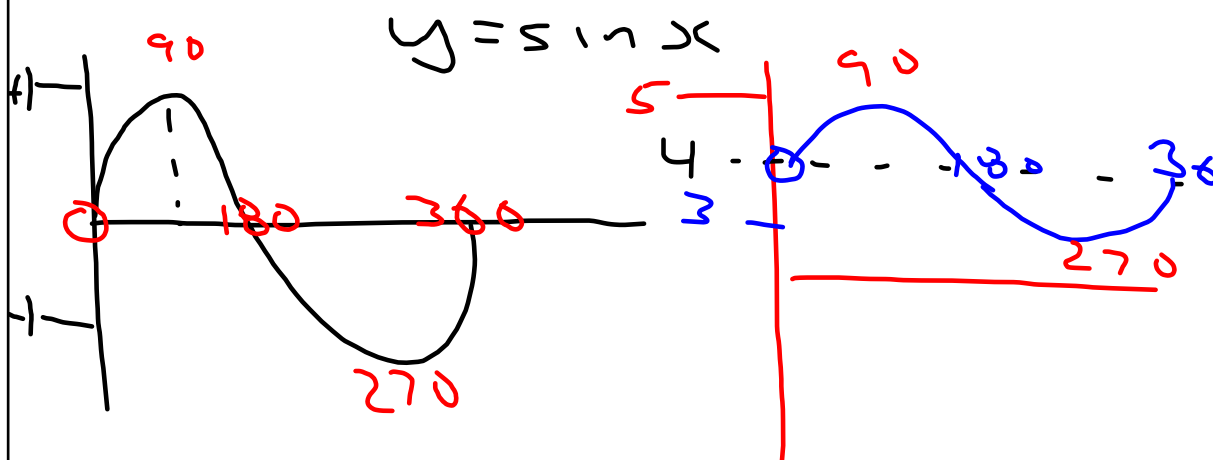
TVM solver

loans and savings

Jun 12-10:09 AM

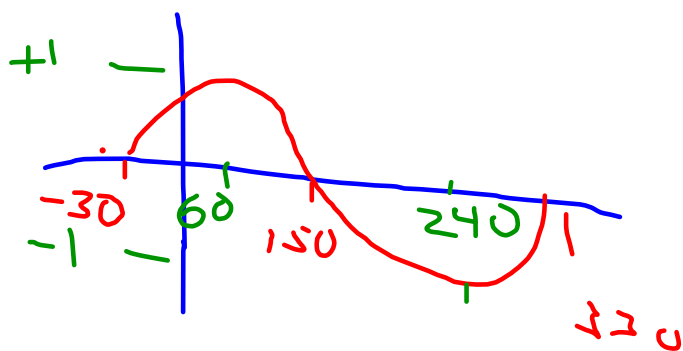
Graph Trig Function

$$y = \sin x + 4$$



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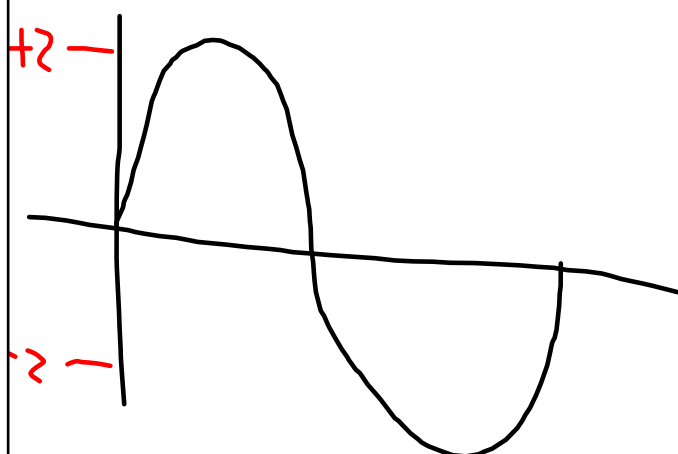
$$y = \sin(x + 30)$$



-30	0
60	+1
150	0
240	-1
330	0

Jun 12-10:25 AM

$$y = 2 \sin x$$



0	0
90	+2
180	0
270	-2
360	0

Jun 12-10:29 AM

$$y = -0.5 \sin x$$



0	0
90	-0.50
180	0
270	+0.50
360	0

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96 p 446

$$t = 12000$$

$$A(t) = 100 \left(\frac{1}{2} \right)^{t/5730}$$

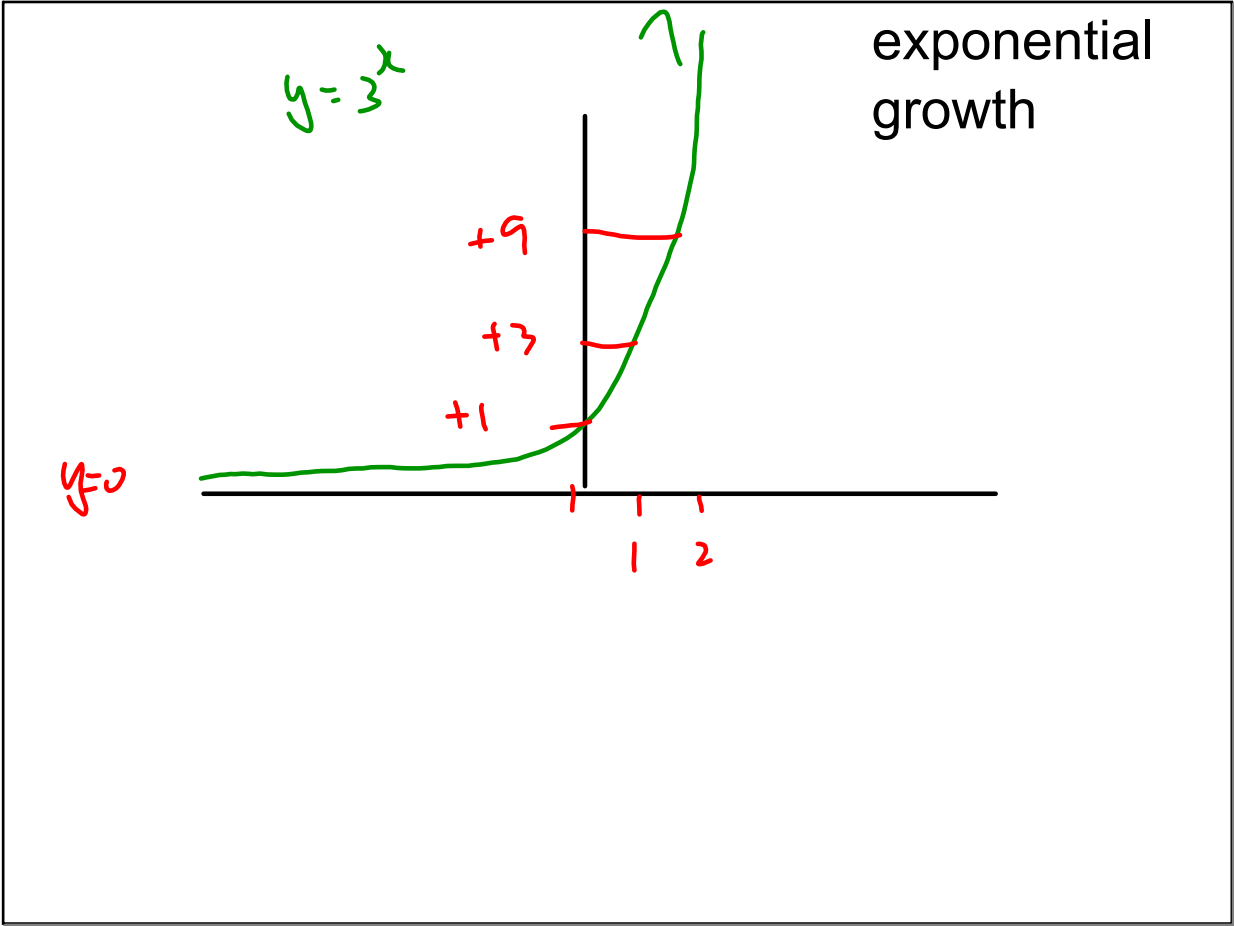
$$A(t) = 100 \left(\frac{1}{2} \right)^{12000/5730}$$

$$A(t) = 100 \left(\frac{1}{2} \right)^{2.09}$$

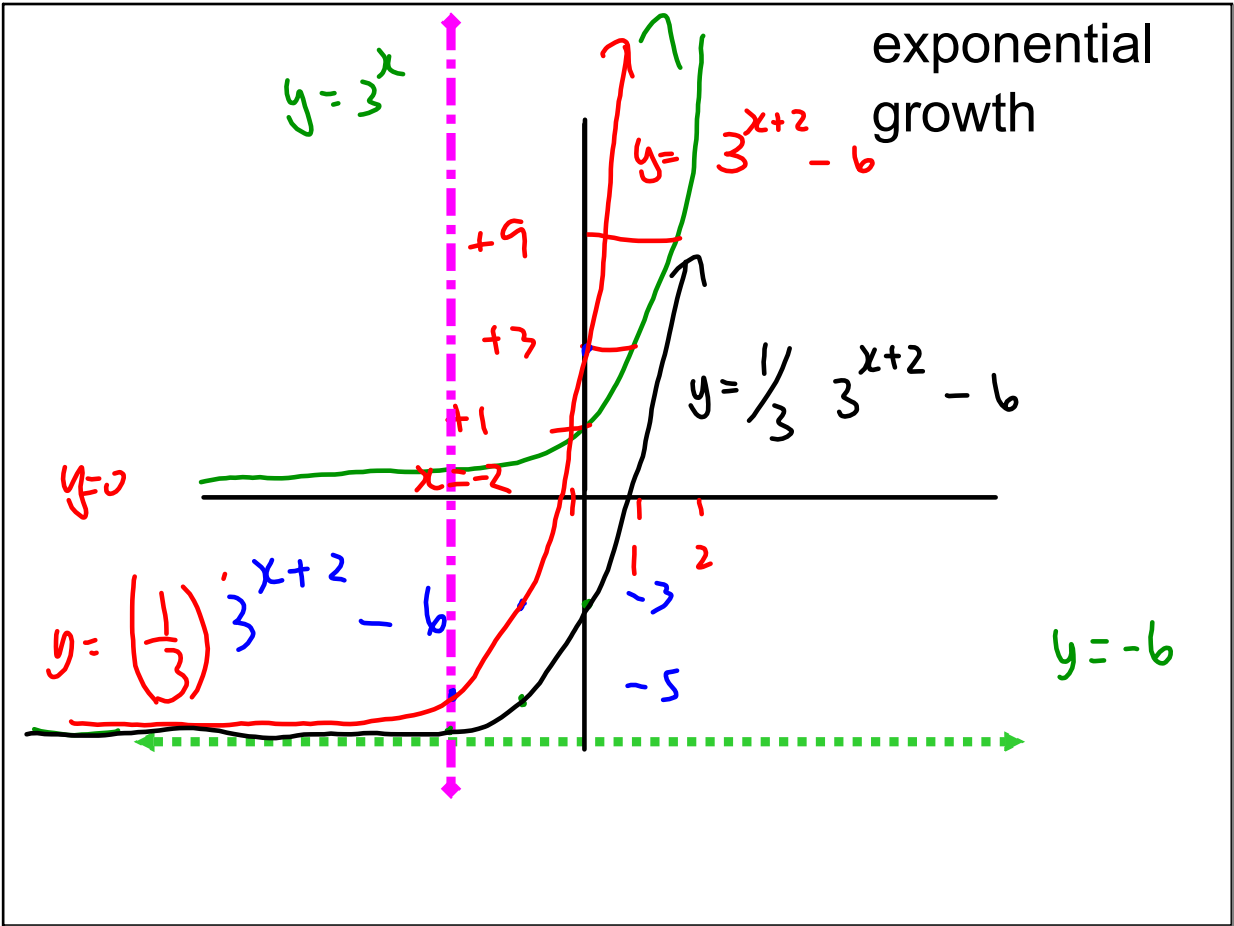
$$= 100(0.23)$$

$$= 23$$

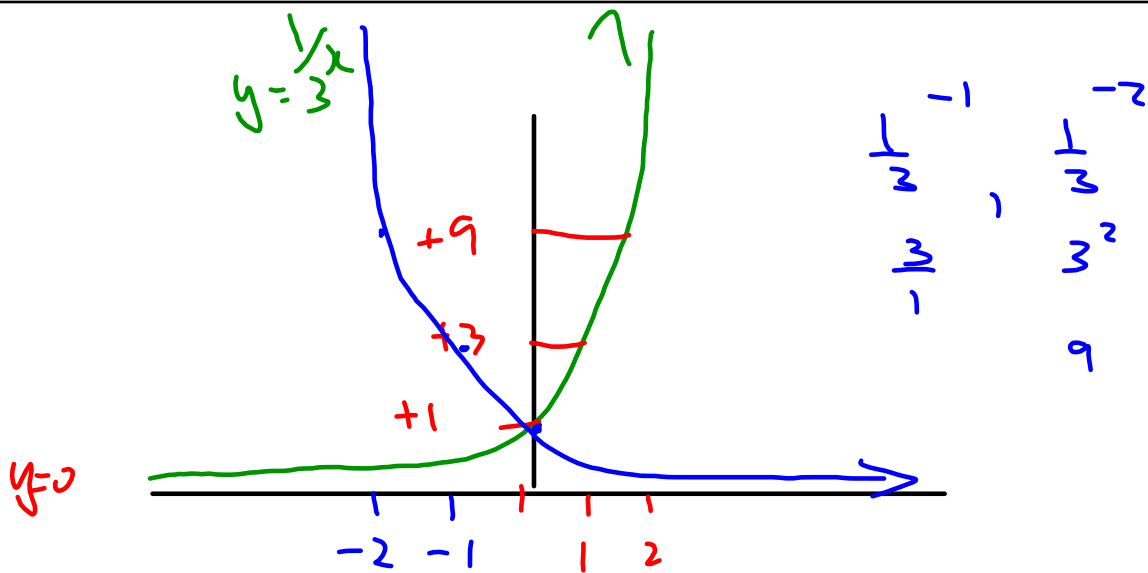
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Jan 23-1:31 PM



Jan 23-1:31 PM



exponential decay

Jan 23-1:31 PM

Egn Sheet

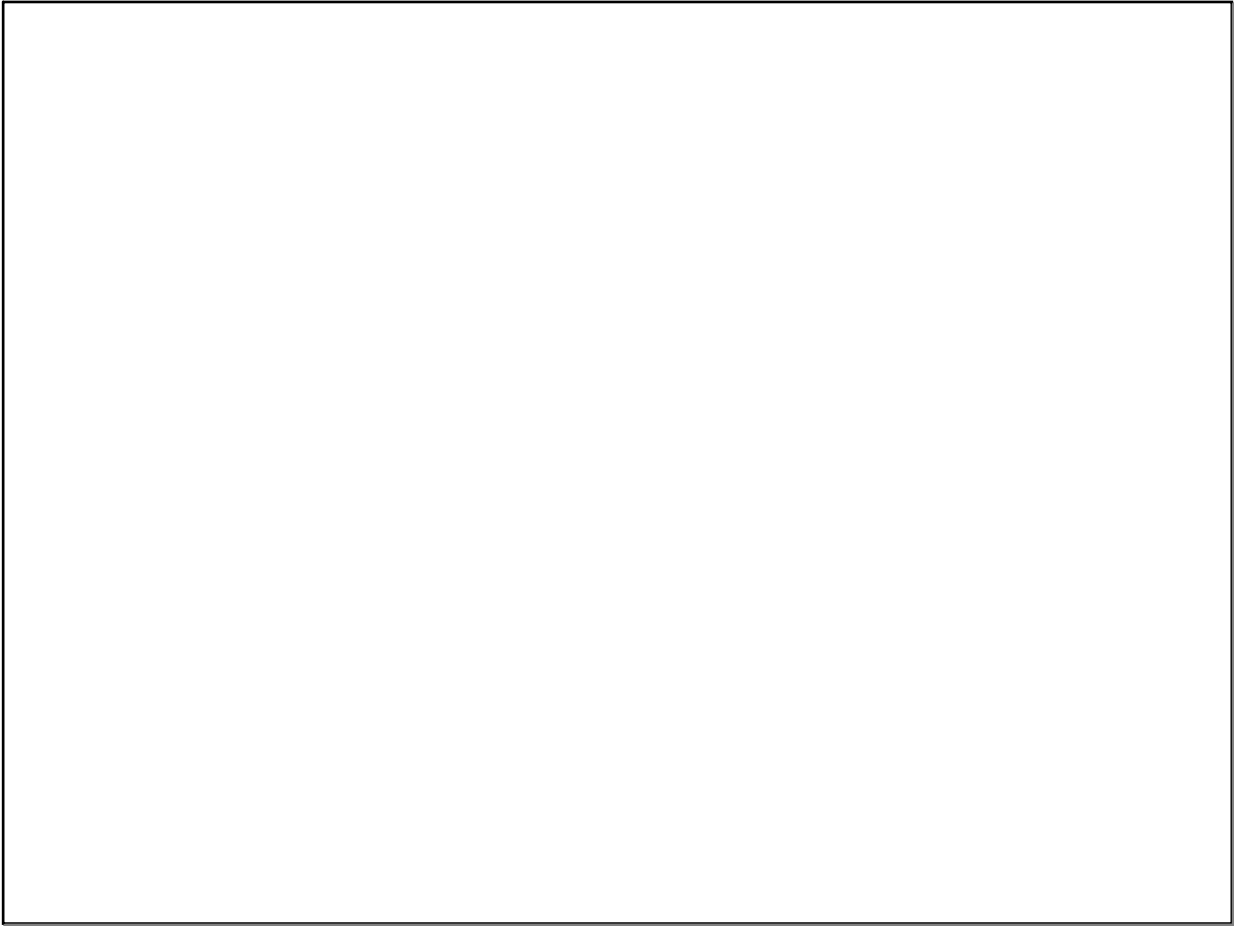
quadratic formula

cosine law, sine law

PV, FV, A, Interest

Exponential growth / decay

Jun 12-10:41 AM



Jun 15-1:43 PM